

Name: _____

Date: _____

FOIL and Factor solution (version 100)

FOIL the expressions shown below:

1. $(x + 1)(x - 4)$

$$x^2 - 3x - 4$$

2. $(x + 3)(x + 5)$

$$x^2 + 8x + 15$$

3. $(x - 6)(x - 4)$

$$x^2 - 10x + 24$$

4. $(x - 8)(x - 3)$

$$x^2 - 11x + 24$$

5. $(x + 2)(x + 9)$

$$x^2 + 11x + 18$$

Factor the expressions shown below:

6. $x^2 - 9x + 14$

$$(x - 2)(x - 7)$$

7. $x^2 - 14x + 48$

$$(x - 6)(x - 8)$$

8. $x^2 + 4x - 21$

$$(x - 3)(x + 7)$$

9. $x^2 - 6x - 16$

$$(x + 2)(x - 8)$$

10. $x^2 - 5x - 36$

$$(x - 9)(x + 4)$$